Plan of Instruction
Assignment, Certification &
Record of Changes/Corrections

1. Course ID, Title, Implementation Date and Version

See the footer section of this document

2. Course Assignment

This course is assigned as follows:

	Center for Acquisition/Program Management
	Center for Finance
	Center for Contracting
	Center for Logistics
X	**Center for Engineering & Technology**
	Defense Systems Management College

	Name	Email	Phone #
CD:	David Pearson	David.Pearson@dau.mil	(703) 805-5269
PLD:	Vacant		
CM:	Joe Cooke	Joesph.Cooke@dau.mil	(619) 524-4664
ISD:	Debra Moore	Debra.moore@dau.mil	(703) 805-4535

3. Certifications/Approval

Instructional System Designer (ISD): The course objectives, Blooms level assigned, assessment instruments and overall structure are consistent and compliant with the DAU Curriculum Development Guide.

ISD: _____

Course Manager (CM): All course material is current, directly supports and is traceable to the course objectives as outlined on the CSAP.

CM: _____

Performance Learning Director (PLD): I have reviewed the course material and support the ISD & CMs certification. Furthermore, Performance/Terminal objectives of this course map directly and appropriately support the capability requirements outlined in the sub-competencies approved by the appropriate Functional Leader.

PLD: _____

Center Director (CD): Reviewed and approved

CD: _____

| Course ID: | SAM 301 | Version: | 1 |
| Course Title: | Advanced Software Acquisition Management | Date | 3 Feb 2014 |

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4. Record of Changes/Corrections

Date: (yymmdd)	Part(s) & Para #(s)	Ver #	Summary of Change/Correction & Why

1. Course Description

Advanced Software Acquisition Management is a seminar-based course for senior personnel who acquire, engineer, test, and evaluate DoD software-intensive systems. SAM 301 is also for acquisition professionals interested in obtaining comprehensive insight into the risks and issues associated with developing and implementing complex DoD software systems. Exercises, lectures, group discussion, and labs are used to cover topics ranging from strategic planning, information assurance, architectures, advancing technologies, requirements management, cost estimation, metrics, process maturity, quality, and testing, among other areas.

2. Target Attendees

Individuals seeking Level III IT career field certification as well as acquisition workforce personnel and industry equivalents that require an understanding of the management and acquisition of information systems within DoD.

3. Prerequisites

DAU Course(s):

ID	Name	Required	Recommended
ACQ201B	Intermediate Systems Acquisition, Part B	X	
IRM304	Advanced Information Systems Acquisition	X	

Non Course:

  Required: None

  Recommended: None

4. Predecessor Course(s)

Course ID	Course Name	Acceptable Until Oct 1 of
	None	

5. First Offering

Month: October   Year: 2005

6. Primary Delivery Methodology

____ **Distance Learning – Rolling Admissions**
____ **Distance Learning – FOLE**
__X__ **Resident**

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For Resident Courses

Per course design: Ideal (by Design) #: 30
                          Min # of students: 24
                          Max # of students: 30

Course Pre-work Requirements: None

Expected Time to Complete Course Pre-Work: 0 min

Course Length:
    Total # of work days: 4.5
    Total time for planned **classroom hours**
        Academic: 1895 min
        Administrative: 385 min
    Total time for planned **out of class activities**: X min

Instructor Loading Requirements: 2 (number of full time committed instructors required to deliver this course, on campus from start to finish)

7. Course Notes

None

8. Location

The course is deliverable at any one of our Regional Campus' or satellite facilities across the U.S. and overseas. The course can also be delivered on-site at any DoD owned or contracted facility across the globe as long as the environmental support requirements can be accommodated.

Course ID:	SAM 301	Version:	1
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Lesson #: 1   **Title:** Convocation

Duration

Classroom/On-line (Academic): 70 min
Student out of class assignments: 0 min

Lesson/Module Purpose

This section of the course is intended to address the learning objectives tied to this section as outlined in Part 4 (Course Student Assessment Plan) of this POI.

Instructional Methods Employed

X Facilitated Lecture	☐ Team-Based Problem Solving
☐ Case Study	☐ Mentored Project/Independent Study

Supporting Aids/Media Employed

X Presentation charts/slides	X Web-Based resources/tools
X Readings/textbooks/handouts	X Video/DVD

Equipment & Facilities Required

Computers

☐ Instructor Only
☐ Instructor Only with Projection Capability
☐ One Per Student Pairs
X One Per Student

X Printer Access Required

☐ Additional Instructor(s)

Work Group Requirements

☐ Breakout Area
X Easel w/ Paper and Pens
X Computer

List Other Equipment Required

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Lesson #: 2   **Title:** Software Acquisition Initiatives

Duration

Classroom/On-line (Academic): 110 min
Student out of class assignments: 0 min

Lesson/Module Purpose

This section of the course is intended to address the learning objectives tied to this section as outlined in Part 4 (Course Student Assessment Plan) of this POI.

Instructional Methods Employed

X	Facilitated Lecture		X	Team-Based Problem Solving
	Case Study			Mentored Project/Independent Study

Supporting Aids/Media Employed

X	Presentation charts/slides		X	Web-Based resources/tools
X	Readings/textbooks/handouts		X	Video/DVD

Equipment & Facilities Required

Computers

	Instructor Only
	Instructor Only with Projection Capability
	One Per Student Pairs
X	One Per Student

X	Printer Access Required

	Additional Instructor(s)

Work Group Requirements

	Breakout Area
X	Easel w/ Paper and Pens
X	Computer

List Other Equipment Required

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Lesson #:   3   **Title:**   Software Acquisition Issues

Duration
Classroom/On-line (Academic): 130 min
Student out of class assignments: 0 min

Lesson/Module Purpose

This section of the course is intended to address the learning objectives tied to this section as outlined in Part 4 (Course Student Assessment Plan) of this POI.

Instructional Methods Employed

X	Facilitated Lecture
	Case Study

X	Team-Based Problem Solving
	Mentored Project/Independent Study

Supporting Aids/Media Employed

X	Presentation charts/slides
X	Readings/textbooks/handouts

X	Web-Based resources/tools
X	Video/DVD

Equipment & Facilities Required

Computers

	Instructor Only
	Instructor Only with Projection Capability
	One Per Student Pairs
X	One Per Student

X	Printer Access Required

	Additional Instructor(s)

Work Group Requirements

	Breakout Area
X	Easel w/ Paper and Pens
X	Computer

List Other Equipment Required

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Lesson #: 4   **Title:** Capstone Exercise Introduction

Duration

Classroom/On-line (Academic): 80 min
Student out of class assignments: 0 min

Lesson/Module Purpose

This section of the course is intended to address the learning objectives tied to this section as outlined in Part 4 (Course Student Assessment Plan) of this POI.

Instructional Methods Employed

X	Facilitated Lecture			Team-Based Problem Solving
	Case Study		X	Mentored Project/Independent Study

Supporting Aids/Media Employed

X	Presentation charts/slides		X	Web-Based resources/tools
X	Readings/textbooks/handouts		X	Video/DVD

Equipment & Facilities Required

Computers
	Instructor Only
	Instructor Only with Projection Capability
	One Per Student Pairs
X	One Per Student

X	Printer Access Required

	Additional Instructor(s)

Work Group Requirements
	Breakout Area
X	Easel w/ Paper and Pens
X	Computer

List Other Equipment Required

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Lesson #:   5   **Title:**   Acquisition Strategies and Development Methodologies

Duration

Classroom/On-line (Academic): 80 min
Student out of class assignments: 0 min

Lesson/Module Purpose

This section of the course is intended to address the learning objectives tied to this section as outlined in Part 4 (Course Student Assessment Plan) of this POI.

Instructional Methods Employed

X	Facilitated Lecture	X	Team-Based Problem Solving
	Case Study		Mentored Project/Independent Study

Supporting Aids/Media Employed

X	Presentation charts/slides	X	Web-Based resources/tools
X	Readings/textbooks/handouts	X	Video/DVD

Equipment & Facilities Required

Computers

	Instructor Only
	Instructor Only with Projection Capability
	One Per Student Pairs
X	One Per Student

X	Printer Access Required

	Additional Instructor(s)

Work Group Requirements

	Breakout Area
X	Easel w/ Paper and Pens
X	Computer

List Other Equipment Required

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Lesson #: 6   **Title:** Technology Advancement

Duration
Classroom/On-line (Academic): 80 min
Student out of class assignments: 0 min

Lesson/Module Purpose

This section of the course is intended to address the learning objectives tied to this section as outlined in Part 4 (Course Student Assessment Plan) of this POI.

Instructional Methods Employed

[X] Facilitated Lecture	[X] Team-Based Problem Solving
[ ] Case Study	[ ] Mentored Project/Independent Study

Supporting Aids/Media Employed

[X] Presentation charts/slides	[X] Web-Based resources/tools
[X] Readings/textbooks/handouts	[X] Video/DVD

Equipment & Facilities Required

Computers
- [ ] Instructor Only
- [ ] Instructor Only with Projection Capability
- [ ] One Per Student Pairs
- [X] One Per Student

- [X] Printer Access Required

- [ ] Additional Instructor(s)

Work Group Requirements
- [ ] Breakout Area
- [X] Easel w/ Paper and Pens
- [X] Computer

List Other Equipment Required
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Plan of Instruction – Part 2
Course Outline (Resident/FOLE)

Lesson #: 7   **Title:** Architecture & Interoperability Issues

Duration
Classroom/On-line (Academic): 100 min
Student out of class assignments: 0 min

Lesson/Module Purpose

This section of the course is intended to address the learning objectives tied to this section as outlined in Part 4 (Course Student Assessment Plan) of this POI.

Instructional Methods Employed

X	Facilitated Lecture	X	Team-Based Problem Solving
	Case Study		Mentored Project/Independent Study

Supporting Aids/Media Employed

X	Presentation charts/slides	X	Web-Based resources/tools
X	Readings/textbooks/handouts	X	Video/DVD

Equipment & Facilities Required

Computers

	Instructor Only
	Instructor Only with Projection Capability
	One Per Student Pairs
X	One Per Student

X	Printer Access Required

	Additional Instructor(s)

Work Group Requirements

	Breakout Area
X	Easel w/ Paper and Pens
X	Computer

List Other Equipment Required

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Lesson #: 8　　　　**Title:** Data Management Issues

Duration

Classroom/On-line (Academic): 80 min
Student out of class assignments: 0 min

Lesson/Module Purpose

This section of the course is intended to address the learning objectives tied to this section as outlined in Part 4 (Course Student Assessment Plan) of this POI.

Instructional Methods Employed

X	Facilitated Lecture	X	Team-Based Problem Solving
	Case Study		Mentored Project/Independent Study

Supporting Aids/Media Employed

X	Presentation charts/slides	X	Web-Based resources/tools
X	Readings/textbooks/handouts	X	Video/DVD

Equipment & Facilities Required

Computers

	Instructor Only
	Instructor Only with Projection Capability
	One Per Student Pairs
X	One Per Student

X	Printer Access Required

	Additional Instructor(s)

Work Group Requirements

	Breakout Area
X	Easel w/ Paper and Pens
X	Computer

List Other Equipment Required

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Lesson #:   9   **Title:**   Change Management

Duration

Classroom/On-line (Academic): 100 min
Student out of class assignments: 0 min

Lesson/Module Purpose

This section of the course is intended to address the learning objectives tied to this section as outlined in Part 4 (Course Student Assessment Plan) of this POI.

Instructional Methods Employed

X	Facilitated Lecture	X	Team-Based Problem Solving
	Case Study		Mentored Project/Independent Study

Supporting Aids/Media Employed

X	Presentation charts/slides	X	Web-Based resources/tools
X	Readings/textbooks/handouts	X	Video/DVD

Equipment & Facilities Required

Computers

	Instructor Only
	Instructor Only with Projection Capability
	One Per Student Pairs
X	One Per Student

X	Printer Access Required

	Additional Instructor(s)

Work Group Requirements

	Breakout Area
X	Easel w/ Paper and Pens
X	Computer

List Other Equipment Required

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Plan of Instruction – Part 2
Course Outline (Resident/FOLE)

Lesson #: 10   **Title:** Strategic Human Resource Issues

Duration
Classroom/On-line (Academic): 80 min
Student out of class assignments: 0 min

Lesson/Module Purpose

This section of the course is intended to address the learning objectives tied to this section as outlined in Part 4 (Course Student Assessment Plan) of this POI.

Instructional Methods Employed

X	Facilitated Lecture	X	Team-Based Problem Solving
	Case Study		Mentored Project/Independent Study

Supporting Aids/Media Employed

X	Presentation charts/slides	X	Web-Based resources/tools
X	Readings/textbooks/handouts	X	Video/DVD

Equipment & Facilities Required

Computers

	Instructor Only
	Instructor Only with Projection Capability
	One Per Student Pairs
X	One Per Student

X	Printer Access Required

	Additional Instructor(s)

Work Group Requirements

	Breakout Area
X	Easel w/ Paper and Pens
X	Computer

List Other Equipment Required

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Lesson #: 11   **Title:** Requirements Management I

Duration

Classroom/On-line (Academic): 100 min
Student out of class assignments: 0 min

Lesson/Module Purpose

This section of the course is intended to address the learning objectives tied to this section as outlined in Part 4 (Course Student Assessment Plan) of this POI.

Instructional Methods Employed

[X] Facilitated Lecture	[X] Team-Based Problem Solving
[ ] Case Study	[ ] Mentored Project/Independent Study

Supporting Aids/Media Employed

[X] Presentation charts/slides	[X] Web-Based resources/tools
[X] Readings/textbooks/handouts	[X] Video/DVD

Equipment & Facilities Required

Computers
[ ] Instructor Only
[ ] Instructor Only with Projection Capability
[ ] One Per Student Pairs
[X] One Per Student

[X] Printer Access Required

[ ] Additional Instructor(s)

Work Group Requirements
[ ] Breakout Area
[X] Easel w/ Paper and Pens
[X] Computer

List Other Equipment Required
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Lesson #: 12   **Title:** Software Requirements II

Duration

Classroom/On-line (Academic): 80 min
Student out of class assignments: 0 min

Lesson/Module Purpose

This section of the course is intended to address the learning objectives tied to this section as outlined in Part 4 (Course Student Assessment Plan) of this POI.

Instructional Methods Employed

X	Facilitated Lecture	X	Team-Based Problem Solving
	Case Study		Mentored Project/Independent Study

Supporting Aids/Media Employed

X	Presentation charts/slides	X	Web-Based resources/tools
X	Readings/textbooks/handouts	X	Video/DVD

Equipment & Facilities Required

Computers

	Instructor Only
	Instructor Only with Projection Capability
	One Per Student Pairs
X	One Per Student

X	Printer Access Required

	Additional Instructor(s)

Work Group Requirements

	Breakout Area
X	Easel w/ Paper and Pens
X	Computer

List Other Equipment Required

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Lesson #: 13 **Title:** Commercial Software and Software Reuse Issues

Duration

Classroom/On-line (Academic): 80 min
Student out of class assignments: 0 min

Lesson/Module Purpose

This section of the course is intended to address the learning objectives tied to this section as outlined in Part 4 (Course Student Assessment Plan) of this POI.

Instructional Methods Employed

X	Facilitated Lecture		X	Team-Based Problem Solving
	Case Study			Mentored Project/Independent Study

Supporting Aids/Media Employed

X	Presentation charts/slides		X	Web-Based resources/tools
X	Readings/textbooks/handouts		X	Video/DVD

Equipment & Facilities Required

Computers

	Instructor Only
	Instructor Only with Projection Capability
	One Per Student Pairs
X	One Per Student

X	Printer Access Required

	Additional Instructor(s)

Work Group Requirements

	Breakout Area
X	Easel w/ Paper and Pens
X	Computer

List Other Equipment Required

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Course ID:	SAM 301	Version:	1
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Plan of Instruction – Part 2
Course Outline (Resident/FOLE)

Lesson #: 14   **Title:** Information Assurance & Security

Duration
Classroom/On-line (Academic): 80 min
Student out of class assignments: 0 min

Lesson/Module Purpose

This section of the course is intended to address the learning objectives tied to this section as outlined in Part 4 (Course Student Assessment Plan) of this POI.

Instructional Methods Employed

X	Facilitated Lecture
	Case Study

X	Team-Based Problem Solving
	Mentored Project/Independent Study

Supporting Aids/Media Employed

X	Presentation charts/slides
X	Readings/textbooks/handouts

X	Web-Based resources/tools
X	Video/DVD

Equipment & Facilities Required

Computers

	Instructor Only
	Instructor Only with Projection Capability
	One Per Student Pairs
X	One Per Student

X	Printer Access Required

	Additional Instructor(s)

Work Group Requirements

	Breakout Area
X	Easel w/ Paper and Pens
X	Computer

List Other Equipment Required

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Lesson #: 15   **Title:** Software Risk Issues

Duration

Classroom/On-line (Academic): 100 min
Student out of class assignments: 0 min

Lesson/Module Purpose

This section of the course is intended to address the learning objectives tied to this section as outlined in Part 4 (Course Student Assessment Plan) of this POI.

Instructional Methods Employed

X	Facilitated Lecture		X	Team-Based Problem Solving
	Case Study			Mentored Project/Independent Study

Supporting Aids/Media Employed

X	Presentation charts/slides		X	Web-Based resources/tools
X	Readings/textbooks/handouts		X	Video/DVD

Equipment & Facilities Required

Computers

	Instructor Only
	Instructor Only with Projection Capability
	One Per Student Pairs
X	One Per Student

X	Printer Access Required

	Additional Instructor(s)

Work Group Requirements

	Breakout Area
X	Easel w/ Paper and Pens
X	Computer

List Other Equipment Required

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Lesson #: 16   **Title:** Cost Issues in Software Acquisition

Duration
Classroom/On-line (Academic): 80 min
Student out of class assignments: 0 min

Lesson/Module Purpose

This section of the course is intended to address the learning objectives tied to this section as outlined in Part 4 (Course Student Assessment Plan) of this POI.

Instructional Methods Employed

X Facilitated Lecture	X Team-Based Problem Solving
☐ Case Study	☐ Mentored Project/Independent Study

Supporting Aids/Media Employed

X Presentation charts/slides	X Web-Based resources/tools
X Readings/textbooks/handouts	X Video/DVD

Equipment & Facilities Required

Computers
☐ Instructor Only
☐ Instructor Only with Projection Capability
☐ One Per Student Pairs
X One Per Student

☐ Printer Access Required

☐ Additional Instructor(s)

Work Group Requirements
☐ Breakout Area
X Easel w/ Paper and Pens
X Computer

List Other Equipment Required
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Lesson #:   17   **Title:**   Software Test & Evaluation

Duration
Classroom/On-line (Academic): 80 min
Student out of class assignments: 0 min

Lesson/Module Purpose

This section of the course is intended to address the learning objectives tied to this section as outlined in Part 4 (Course Student Assessment Plan) of this POI.

Instructional Methods Employed

X	Facilitated Lecture	X	Team-Based Problem Solving
	Case Study		Mentored Project/Independent Study

Supporting Aids/Media Employed

X	Presentation charts/slides	X	Web-Based resources/tools
X	Readings/textbooks/handouts	X	Video/DVD

Equipment & Facilities Required

Computers

	Instructor Only
	Instructor Only with Projection Capability
	One Per Student Pairs
X	One Per Student

X	Printer Access Required

	Additional Instructor(s)

Work Group Requirements

	Breakout Area
X	Easel w/ Paper and Pens
X	Computer

List Other Equipment Required

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Lesson #: 18   **Title:** Software Acquisition Best Practices

Duration

Classroom/On-line (Academic): 80 min
Student out of class assignments: 0 min

Lesson/Module Purpose

This section of the course is intended to address the learning objectives tied to this section as outlined in Part 4 (Course Student Assessment Plan) of this POI.

Instructional Methods Employed

X	Facilitated Lecture	X	Team-Based Problem Solving
	Case Study		Mentored Project/Independent Study

Supporting Aids/Media Employed

X	Presentation charts/slides	X	Web-Based resources/tools
X	Readings/textbooks/handouts		Video/DVD

Equipment & Facilities Required

Computers

	Instructor Only
	Instructor Only with Projection Capability
	One Per Student Pairs
X	One Per Student

X	Printer Access Required

	Additional Instructor(s)

Work Group Requirements

	Breakout Area
X	Easel w/ Paper and Pens
X	Computer

List Other Equipment Required

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Lesson #: 19   **Title:** Capstone Exercise

Duration

Classroom/On-line (Academic): 305 min
Student out of class assignments: 0 min

Lesson/Module Purpose

This section of the course is intended to address the learning objectives tied to this section as outlined in Part 4 (Course Student Assessment Plan) of this POI.

Instructional Methods Employed

X	Facilitated Lecture	X	Team-Based Problem Solving
X	Case Study	X	Mentored Project/Independent Study

Supporting Aids/Media Employed

X	Presentation charts/slides	X	Web-Based resources/tools
X	Readings/textbooks/handouts	X	Video/DVD

Equipment & Facilities Required

Computers

	Instructor Only
	Instructor Only with Projection Capability
	One Per Student Pairs
X	One Per Student

X	Printer Access Required

	Additional Instructor(s)

Work Group Requirements

	Breakout Area
X	Easel w/ Paper and Pens
X	Computer

List Other Equipment Required

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Lesson #:   20   **Title:**   Graduation

Duration
Classroom/On-line (Academic): 0 min
Student out of class assignments: 0 min

Lesson/Module Purpose

In this lesson students critique the education experience; first summarizing the program of instruction and then ensuring course critiques that invite feedback on the curriculum, administration and facilities. Students return issued materials/passes; finally course completion certificates are distributed to students who successfully mastered the course.

Instructional Methods Employed

X	Facilitated Lecture		Team-Based Problem Solving
	Case Study		Mentored Project/Independent Study

Supporting Aids/Media Employed

X	Presentation charts/slides	X	Web-Based resources/tools
X	Readings/textbooks/handouts	X	Video/DVD

Equipment & Facilities Required

Computers
	Instructor Only
	Instructor Only with Projection Capability
	One Per Student Pairs
X	One Per Student

X	Printer Access Required

	Additional Instructor(s)

Work Group Requirements
	Breakout Area
	Easel w/ Paper and Pens
X	Computer

List Other Equipment Required

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The determination and approval of competencies (the career field competency model) for a given acquisition career field are the responsibility of the assigned Functional Leader.

Through career field and workforce competency assessment processes supervised by the Functional Leader's supporting Functional Integrated Process Team (FIPT), the competencies and sub-competencies are vetted, approved and a determination is made as to which ones can and will be addressed by DAU through the development and delivery of supporting training courses and/or continuous learning modules. This course supports those competencies.

Additional documentation supporting the need for this course or documentation supporting the annual review of this course can be found on Blackboard at:

Location /institution/Courses/Deployed/01_CurriculumDocumentation/Functional_Leader_Sign-Offs

Additional Information: SAM 301 was course was initially developed by the Information Resources Management College at National Defense University as the three week capstone course for senior information technology managers in February 1996. It was revised and updated as a two week offering in October 1997. It was revised, updated, competencies reviewed and validated and developed by the Technology and Engineering Department of DAU Capital and Northeast (C&NE) in 2005. In November of 2005 it was fielded as a one week seminar.

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1. Assessment Strategy

On the first day of class, [Lesson 4] student teams perform a brainstorming exercise to identify the most significant issues, obstacles, lessons learned or technologies that can affect successful software acquisition management in the DoD with a view to selection of appropriate capstone research topics. At the conclusion of the exercise, each group will tentatively select a topic for research as the framework for their final oral capstone presentation [Lesson 19]. These proposed topics are refined by the student with instructor consultation and final capstone topics are approved by the lead instructor NLT start of class day 3.

On the last day of class, [Lesson 19] students present graded oral presentations via formal PowerPoint briefings. Student group presentations should reflect a comprehensive, in depth understanding of the chosen topic and demonstrate an ability to *apply* that classroom knowledge to their workplace or the future DoD operations.. The student final presentation should show evidence of an integrated understanding of the materials, drawing ideas from across the course (best practices, risk, cost and business processes) and should be supported by references drawn from the documentation. Final *presentations are to present the student's point of view, supported by appropriate logical arguments and evidence, using appropriate visual support resources.* [80%]

During the other course instructional modules, active discussion and student individual and team presentations allow students to demonstrate subject matter mastery: key is participation in class discussions and content of team briefings on course topics showing understanding of course topics, issues, and resources, and an ability to perform as a member of a task team in discussing, analyzing and presenting decisions. Additionally, student IPTs are provided directed short research questions directly related to lesson objectives and sets of appropriate selected reference materials; they must answer specific topical questions in their IPT-based presentations at the conclusion of the lesson. Student leads for these presentations are rotated among members of each workgroup and participation is evaluated and results recorded using appropriate instructor observation participation checklists. [20%]

2. Assessment Review and Update Plan

The Course Manager (CM) assisted by the Course Manager Regional Representatives (CMRR) will be responsible in accordance with DAU Directive 701 for annual review and update of the assessment/evaluation of course content. Additionally, these same people will review all major lesson material Source Documents each time any of the Source Documents are issued, changed, or superseded to determine the impact of the changes on lesson content. All SAM 301 instructors are responsible for pointing at/recommending changes/fixes for errors as they are discovered.

3. Individual Objectives Assessment Plan

See next page.

Course ID:	SAM 301		Version:	1
Course Title:	Advanced Software Acquisition Management		Date	3 Feb 2014

Individual Objective Assessment Plan (IOAP) v1.2

Course ID: SAM 301
Course Title: Advanced Software Acquisition Management

Version: 1.00
Date: 08-Feb-11

CM Name: Barry Robella
ISD Name: Debra Moore

Levels of Cognitive Complexirty	Assessment Method(s)
1 Knowledge	MC Multiple Choice
2 Comprehension	AC Alternative Choice (e.g. True/False)
3 Application	MA Matching
4 Analysis	FI Fill-in/Competion/Short Answer
5 Synthesis/Evaluation	ES Essay
	CS Case Study
Assessment Scoring Instrument(s)	CI Critical Incident
OS Objective score sheet/answer key	PE Practical Exercise
IO Instructor Observation Checklist	SI Simulation
AR Assessment Rubric	RP Role Play
PC Participation checklist	
PA Peer assessment	

Course Learning (Performance) Objectives

Assessment Strategy

Lesson / Module #			List each TLO/PLO followed by its enabling learning objectives on separate lines.	Level of Cognitive Complexity	Assessment Method(s)	Assessment (Scoring) Instrument(s)
2	TLO		Given descriptive information and appropriate software acquisition management reference materials, be able to assess the effect of current and proposed executive branch, legislative branch and departmental level policy and legal initiatives on software acquisition management.	5	PE	IO/PC/PA
3	TLO		Given descriptive information and appropriate software acquisition management reference materials, be able to evaluate and assess impacts of the DoD's current "Software Issues" and summarize the state of the practice	5	PE	IO/PC/PA
4	TLO		Given materials describing course objectives and student assessment requirements, students participate in a IPT exercise to identify capstone briefing research topics on software acquisition management issues to be formally presented later on the course	4	PE	IO/PC/PA
5	TLO		Given descriptive information and appropriate software acquisition management reference materials, be able to judge the impact of software development methodologies and their relationships to a given overall system acquisition strategy	5	PE	IO/PC/PA

Individual Objective Assessment Plan (IOAP) v1.2

Course ID: SAM 301
Course Title: Advanced Software Acquisition Management

Version: 1.00
Date: 08-Feb-11

6	TLO		Given descriptive information and appropriate software acquisition management reference materials, be able to assess the impacts of selected technologies on the acquisition and development of software-intensive systems.	5	PE	IO/PC/PA

Time Tracker - Resident Course v1.2

For use with DAU resident and FOLE courses only

Course ID: SAM 301
Course Title: Advanced Software Acquisition Management

Version: 1
Date: 07/11/11 (MM/DD/YY)

Course Manager: Barry Robella
ISD: Debra Moore

CEUs: 3.2
CLPs: 32

IACET Action Officer:
Review and Approval _____

Course Requirements Completion Time

*(Enter the total number of **minutes** it took to complete the lesson in the column under labeled "lesson time")*

#	Lesson / Module / Exam Name	Time	Student Activity Time *(from Time Tracker - Activities)*																	
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	Convocation	70																		
2	SW Acquisition Initiatives	110																		
3	SW Acquisition Issues	130																		
4	Intro Capstone Exercise	80																		
5	Acq Srategies & Development Methods	80																		
6	SW Technology Advancement	80																		
7	Architecture & Interoperability Issues	100																		
8	Data Management Issues	80																		
9	Change Management Issues	100																		
10	Strategic Human Resource Issues	80																		
11	Requirements Management I	100																		
12	Requirements Management II	80																		
13	Commercial SW & Reuse Issues	80																		
14	SW Assurance Security Issues	80																		
15	SW Risk Management	100																		
16	Cost Issues	80																		
17	SW Test & Evaluation	80																		
18	SW Quality Best Practices	80																		
19	Capstone Preparation & Presentation	305																		
20																				
21																				
22																				
23																				
24																				
25																				
26																				
	Total Times	1895																		

Average Completion Time Student Activities *(minutes)***:** 0

Total Contact Minutes: 1895

Time Tracker - Activities v1.2

For use with DAU resident and FOLE courses only

Course ID: SAM 301

Course Title: Advanced Software Acquisition Management

Version: 1

Date: 7/11/11

#	Activity Name	Student Learning Activity Completion Time by Student # *(Enter the total number of **minutes** it took the student to complete the activity)*																		Activity Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
1	None																			
2																				
3																				
4																				
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	Total Time by Student																			0